WORLD RESOURCES COMPANY

RECYCLABLE MATERIAL PROFILE — EXHIBIT A

A. Generator Information: **Company I.D. Number: W2149A**

1. Generator: Alaskan Copper Works
2. Address: P. O. Box 3546, Seattle, WA 98124
3. Contact: Mr. Gerald Thompson
   Title: Environmental Assistant
4. Material EPA Waste Code: F006
5. Generator's EPA I.D. Number: WAD980738546
6. Generator's State I.D. Number:

B. Recyclable Material Characteristics:

1. **Color(s):** Brown

2. **Odor:** [X] None [ ] Mild [ ] Strong
   Description of Odor:

3. **Moisture:** [X] Wet [ ] Damp [ ] Dry
   Percent Solids: 23.70

4. **pH** (EPA SW 846, Method 9040/9045)
   pH: 8.89

5. **Ignitability** (40 CFR §261.21)
   [X] Pass [ ] Fail

6. **Texture** similar to:
   [X] Wet Clay [ ] Dry Clay [ ] Sand [ ] Powder [ ] Other

7. **Appearance**
   [X] Homogeneous [ ] Bilayered [ ] Multilayered

8. **Organic Vapors**
   [X] Not Present [ ] Present
   If present, identify compounds and amount (ppm wet):
   [X] Pass [ ] Fail

9. **Free Liquids** (EPA SW 846, Method 9095) **Present:**
   [X] No [ ] Yes

10. **Reactivity** (ASTM D5058-90)
    [X] Not Reactive [ ] Reactive

11. **Radionuclides** (ASTM D5928-96)
    [X] Not Detected [ ] Detected

12. **Cyanide Gas**
    HCN:
    [X] Not Detected
    [ ] Detected _____ ppm

C. Analytical Data: (Content on a dry weight basis in ppm or %)

Constituent *		Content	Constituent *		Content
1. Aluminum[1]	Al	7845 ppm	19. Magnesium[2]	Mg	2324 ppm
2. Antimony[1]	Sb	552 ppm	20. Manganese[1]	Mn	5930 ppm
3. Arsenic[1]	As	151.0 ppm	21. Mercury[3]	Hg	3.40 ppm
4. Barium[1]	Ba	72 ppm	22. Nickel[1]	Ni	49360 ppm
5. Beryllium[1]	Be	7.50 ppm	23. Selenium[1]	Se	< 10.8 ppm
6. Bismuth[1]	Bi	298 ppm	24. Silver[1]	Ag	18 ppm
7. Cadmium[1]	Cd	12.0 ppm	25. Thallium[4]	Tl	< 12.7 ppm
8. Calcium[1]	Ca	14890 ppm	26. Tin[1]	Sn	110 ppm
9. Chloride[7]	Cl^-	0.13 %	27. Zinc[1]	Zn	858 ppm
10. Chromium, Hexavalent[5]	Cr^{+6}	262.0 ppm			
11. Chromium, Total[1]	Cr	48880 ppm			
12. Cobalt[1]	Co	546 ppm			
13. Copper[1]	Cu	24180 ppm			
14. Cyanide, Amenable[6]	CN^-	0 ppm			
15. Cyanide, Total[6]	CN^-	0 ppm			
16. Fluoride[7]	F^-	0.84 %			
17. Iron[1]	Fe	299400 ppm			
18. Lead[1]	Pb	103 ppm			

*** Analytical Procedure References:**

1 EPA Method SW846 3050 / 6010 (Digestion / Analysis)
2 EPA Method SW846 3050 / 7450 or 6010 (Digestion / Analysis)
3 EPA Method SW846 3050 / Hydride generation (Digestion / Analysis)
4 EPA Method SW846 3050 / 7840 or 6010 (Digestion / Analysis)
5 EPA Method SW846 1311 or 3060 / 7196 (Extraction / Analysis)
6 EPA Method SW846 9010 (Distillation / Analysis)
7 HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

D. Certification:

I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: John M. Lehman Date: 12/18/1998

Title: Laboratory Manager

 revised 04/08/98

WORLD RESOURCES COMPANY

RECYCLABLE MATERIAL PROFILE — EXHIBIT A

A. Generator Information: **Company I.D. Number: W2149A3**

1. Generator: Alaskan Copper Works
2. Address: P. O. Box 3546, Seattle, WA 98124
3. Contact: Mr. Gerald Thompson
   Title: Environmental Assistant
4. Material EPA Waste Code: D007
5. Generator's EPA I.D. Number: WAD980738546
6. Generator's State I.D. Number:

B. Recyclable Material Characteristics:

1. Color(s): Brown

2. Odor: [X] None [ ] Mild [ ] Strong
Description of Odor:

3. Moisture: [X] Wet [ ] Damp [ ] Dry
Percent Solids: 79.60

4. pH (EPA SW 846, Method 9040/9045)
pH: 8.64

5. Ignitability (40 CFR §261.21)
[X] Pass
[ ] Fail

6. Texture similar to:
[X] Wet Clay
[ ] Dry Clay
[ ] Sand
[ ] Powder
[ ] Other

7. Appearance
[X] Homogeneous
[ ] Bilayered
[ ] Multilayered

8. Organic Vapors
[X] Not Present [ ] Present
If present, identify compounds and amount (ppm wet):
[X] Pass [ ] Fail

9. Free Liquids (EPA SW 846, Method 9095) **Present:**
[X] No [ ] Yes

10. Reactivity (ASTM D5058-90)
[X] Not Reactive
[ ] Reactive

11. Radionuclides (ASTM D5928-96)
[X] Not Detected [ ] Detected

12. Cyanide Gas
HCN:
[X] Not Detected
[ ] Detected _____ ppm

C. Analytical Data: (Content on a dry weight basis in ppm or %)

Constituent *		Content	Constituent *		Content
1. Aluminum [1]	Al	17710 ppm	19. Magnesium [2]	Mg	374 ppm
2. Antimony [1]	Sb	615 ppm	20. Manganese [1]	Mn	7468 ppm
3. Arsenic [1]	As	< 11.0 ppm	21. Mercury [3]	Hg	< 0.80 ppm
4. Barium [1]	Ba	4 ppm	22. Nickel [1]	Ni	96410 ppm
5. Beryllium [1]	Be	19.00 ppm	23. Selenium [1]	Se	< 7.0 ppm
6. Bismuth [1]	Bi	265 ppm	24. Silver [1]	Ag	29 ppm
7. Cadmium [1]	Cd	15.0 ppm	25. Thallium [4]	Tl	16.0 ppm
8. Calcium [1]	Ca	538 ppm	26. Tin [1]	Sn	500 ppm
9. Chloride [7]	Cl^-	0 %	27. Zinc [1]	Zn	415 ppm
10. Chromium, Hexavalent [5]	Cr^{+6}	0 ppm			
11. Chromium, Total [1]	Cr	103800 ppm			
12. Cobalt [1]	Co	1500 ppm			
13. Copper [1]	Cu	50310 ppm			
14. Cyanide, Amenable [6]	CN^-	0 ppm			
15. Cyanide, Total [6]	CN^-	0 ppm			
16. Fluoride [7]	F^-	0.01 %			
17. Iron [1]	Fe	503300 ppm			
18. Lead [1]	Pb	278 ppm			

*** Analytical Procedure References:**

1 EPA Method SW846 3050 / 6010 (Digestion / Analysis)
2 EPA Method SW846 3050 / 7450 or 6010 (Digestion / Analysis)
3 EPA Method SW846 3050 / Hydride generation (Digestion / Analysis)
4 EPA Method SW846 3050 / 7840 or 6010 (Digestion / Analysis)
5 EPA Method SW846 1311 or 3060 / 7196 (Extraction / Analysis)
6 EPA Method SW846 9010 (Distillation / Analysis)
7 HNO_3 or H_2O_2 / EPA Method SW846 9056 (Digestion / Analysis)

D. Certification:

I hereby certify that all information submitted in this profile is complete and accurate to the best of my knowledge and belief.

Signed: _____ Date: 11/13/1998

Title: Laboratory Manager

 revised 04/08/98

Waste Received Summary Report
For: WA Reportable Waste
01/01/98 to 12/31/98

Generator: 1024 ALASKAN COPPER WORKS Site address: 628 S HANFORD
EPAID: WAD980738546 SEATTLE, WA 98134

Profile#: 105007-01 Name of waste: AEROSOL CAN WASTE
Rpt stat: X
DW/EHW: DW State codes:
EPA codes: D001

Form: B209
Source: A21
Origin: 1
SpGrav: 0.90

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M061
Final System Code: M051

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
07/16/98	33861-98 1A	KNT-57625	WAD991281767	412.83	
	Subtotal for TSDF and System Code:			412.83	0

Total for waste stream: 412.83

****

Profile#: 106901-00 Name of waste: waste sulfuric acid (2.4%)
Rpt stat:
DW/EHW: DW State codes:
EPA codes: D002 D006 D007

Form: B103
Source: A02
Origin:
SpGrav: 1.08

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M121
Final System Code: M135

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
05/01/98	32018-98 1C	KNT-54908	WAD991281767	180.14	
	Subtotal for TSDF and System Code:			180.14	0

Total for waste stream: 180.14

****

Profile#: 151462-00 Name of waste: CONTAINERS OF FLAMMABLE PAINTS, OILS, RESINS, INKS, GREASE, LUBRICANTS, AND GLYCOL
Rpt stat: X
DW/EHW: DW State codes:
EPA codes: D001

Form: B203
Source: A58
Origin: 1
SpGrav: 0.80

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M061
Final System Code: M051

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
01/20/98	7G453 1A	KNT-51324	WAD991281767	200.16	
01/20/98	7G453 1B	KNT-51324	WAD991281767	66.72	
	Subtotal for TSDF and System Code:			266.88	0

Total for waste stream: 266.88

****

Profile#: 151463-00 Name of waste: AEROSOLS AND COMPRESSED GAS CYLINDERS
Rpt stat: X
DW/EHW: DW State codes:
EPA codes: D001

Form: B801
Source: A58
Origin: 1
SpGrav: 0.50

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M141
Final System Code: M044

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
01/20/98	7G453 1C	KNT-51324	WAD991281767	35.00	
	Subtotal for TSDF and System Code:			35.00	0

Waste Received Summary Report
For: WA Reportable Waste
01/01/98 to 12/31/98

Generator: 1024 ALASKAN COPPER WORKS
Site address: 628 S HANFORD
EPAID: WAD980738546
SEATTLE, WA 98134

Total for waste stream: 35.00

****

Profile#: 151464-00 Name of waste: LABPACK: CORROSIVE ACIDS
Rpt stat: X
DW/EHW: DW
State codes:
EPA codes: D002

Form: B009
Source: A99
Origin: 1
SpGrav: 0.80

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M121
Final System Code: M121

Received	Manifest#		Receipt#	Facility	Pounds	Recycle%
01/20/98	7G453	1D	KNT-51324	WAD991281767	14.00	
	Subtotal for TSDF and System Code:				14.00	0

Total for waste stream: 14.00

****

Profile#: 151465-00 Name of waste: LABPACK: CORROSIVE ALKALINES
Rpt stat: X
DW/EHW: DW
State codes:
EPA codes: D002

Form: B009
Source: A99
Origin: 1
SpGrav: 0.80

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M121
Final System Code: M121

Received	Manifest#		Receipt#	Facility	Pounds	Recycle%
01/20/98	7G453	2A	KNT-51324	WAD991281767	8.00	
	Subtotal for TSDF and System Code:				8.00	0

Total for waste stream: 8.00

****

Profile#: 151466-00 Name of waste: LABPACK: TOXIC LIQUIDS
Rpt stat: X
DW/EHW: DW
State codes: WT02 WL02
EPA codes: D016 U061 U279

Form: B009
Source: A99
Origin: 1
SpGrav: 0.80

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M121
Final System Code: M121

Received	Manifest#		Receipt#	Facility	Pounds	Recycle%
01/20/98	7G453	2B	KNT-51324	WAD991281767	12.00	
	Subtotal for TSDF and System Code:				12.00	0

Total for waste stream: 12.00

****

Profile#: 49170-06 Name of waste: CRYSTALLINE CORROSIVE SOLID WITH CHROMIUM
Rpt stat: X
DW/EHW: DW
State codes:
EPA codes: D002 D007

Form: B316
Source: A09
Origin:
SpGrav: 1.20

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY
EPA ID: WAD991281767

Initial System Code: M111
Final System Code: M132

Received	Manifest#		Receipt#	Facility	Pounds	Recycle%
11/03/98	36546-98	1A	KNT-61327	WAD991281767	2,502.00	

Waste Received Summary Report
For: WA Reportable Waste
01/01/98 to 12/31/98

Generator: 1024 ALASKAN COPPER WORKS Site address: 628 S HANFORD
EPAID: WAD980738546 SEATTLE, WA 98134

Subtotal for TSDF and System Code: 2,502.00 0

Total for waste stream: 2,502.00

****

Profile#: 54105-04 Name of waste: SAW COOLANT (390) (RECYCLED) Form: B205
Rpt stat: X Source:
DW/EHW: DW State codes: WT02 Origin:
EPA codes: SpGrav: 0.98

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY Initial System Code: M141
EPA ID: WAD991281767 Final System Code: M124

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
05/01/98	32018-98 1A	KNT-54908	WAD991281767	122.59	75
	Subtotal for TSDF and System Code:			122.59	75

Total for waste stream: 122.59

****

Profile#: 54106-04 Name of waste: PAINT SOLVENTS & PAINT WASTE Form: B204
Rpt stat: X Source:
DW/EHW: DW State codes: Origin:
EPA codes: D001 D007 F002 F003 SpGrav: 1.12

Manifests received at TSDF: BURLINGTON ENVIRONMENTAL, INC. - KENT FACILITY Initial System Code: M061
EPA ID: WAD991281767 Final System Code: M051

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
11/03/98	36546-98 1C	KNT-61327	WAD991281767	186.81	
	Subtotal for TSDF and System Code:			186.81	0

Total for waste stream: 186.81

****

Profile#: 96107-01 Name of waste: WASTE NITRIC ACID Form: B103
Rpt stat: X Source: A02
DW/EHW: DW State codes: Origin:
EPA codes: D002 SpGrav: 1.21

Manifests received at TSDF: Burlington Environmental, Inc. - Tacoma Plant Initial System Code: M121
EPA ID: WAD020257945 Final System Code: M135

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
11/03/98	36618-98 1A	TAC-54981	WAD020257945	24,219.36	
	Subtotal for TSDF and System Code:			24,219.36	0

Total for waste stream: 24,219.36

****

Profile#: 96108-01 Name of waste: RINSE WATER WITH NITRIC ACID Form: B105
Rpt stat: X Source: A05
DW/EHW: DW State codes: Origin:
EPA codes: D002 SpGrav: 1.04

Waste Received Summary Report
For: WA Reportable Waste
01/01/98 to 12/31/98

Generator: 1024 ALASKAN COPPER WORKS
Site address: 628 S HANFORD
EPAID: WAD980738546
SEATTLE, WA 98134

Manifests received at TSDF: Burlington Environmental, Inc. - Tacoma Plant
EPA ID: WAD020257945

Initial System Code: M121
Final System Code: M135

Received	Manifest#	Receipt#	Facility	Pounds	Recycle%
09/09/98	35249-98 1A	TAC-54753	WAD020257945	37,296.48	
	Subtotal for TSDF and System Code:			37,296.48	0
	Total for waste stream:			37,296.48	

****

PHILIP SERVICES

INDUSTRIAL SERVICES
GROUP
Western Region

February 2, 1999

Dear Valued Customer:

Re: Annual Report Documentation

Enclosed is your *Waste Report Summary* for waste received by Burlington Environmental, Inc. *d.b.a.* Philip Services treatment facilities during 1998. Philip has tailored the 1998 Report to follow the reporting requirements of the Washington Department of Ecology (WDOE). Please note that only waste regulated by the State of Washington or Federal government will be listed on this report.

While reviewing your report, please check the following:

1. **The company name is spelled correctly.**
2. **The address as printed, (including the zip code) is the SITE address where the waste was generated, *not* the company mailing address.**
3. **The 12 digit EPA ID# is correct.**
4. **Manifest numbers are correct.**
5. **All hazardous waste shipments to Philip are accounted for.**
6. **Weights are accurate to within 10% of your calculations.**

The *Waste Report Summary* is generator site specific, broken down by profile number, and then by manifest number. The receiving facility is named, total weight shipped is shown, and all applicable recycling percentages are given for each waste stream we received. System and form codes have been included in this report. These codes identify your waste and its disposition. Please review these entries for accuracy. The report format should be easy to reference. However, if you need assistance in reviewing this report, please call your Customer Service Representative and they will be glad to help you.

I would like to take this opportunity to thank you for your continued patronage. Philip Services will constantly strive for excellence in the hazardous waste management industry.

Sincerely,

Kellie R. Vigil

Kellie R. Vigil
Regional Customer Service Manager, Western Region

1100 Oakesdale Avenue SW, Renton, WA 98055 Main: (425) 227-0311 or (800) 228-7872 Sales Fax: (425) 227-6187